

Item #	SPECIFICATIONS:	QTY	Unit (job, ea.)
1	<p>Fiber coupled Laser Diode module: 792+/-3nm, Peak power:200W Laser Current: 60Amps Voltage: 12V Threshold current :10A Output through a 200um core fiber Numerical Aperture of the fiber: 0.22 (compatible to SMA 905) Outer fiber jacket: metal Mode of operation: CW/QCW QCW operation: 50Hz, 5ms long pulse Duty cycle: 25% Power monitor: internal Wavelength blocking filter: 1900-2100nm Temperature sensor : internal Cooling : Water Package: not bigger than 4.5"x6"x3"</p>	2	Ea
2	<p>Laser diode driver capable of driving the 2 diode modules specified above connected in series Output: 24V, 80A Duty cycle: 25%. Pulse width: 5ms Rise time: < 20μs Connectors for Remote-Terminal, Interface: CAN-Bus or RS232, safety feature: Cooler-Interlock, operated from : front display and control on front panel I/O; Multi-IO-Interface with digital inputs/outputs 24V for PLC control, monitoring of laser power and temperature, external emergency stop, Housing: 19", 2HU, 110V/230VAC, 50/60Hz, air cooled, Cable Set: Laser pulse power cable High current pulse operation; one side Industry-connector like "Harting 6B;" one side ring terminals M4 (+) / M5 (-) Length 3m.</p>	1	Ea